

JF

PTO/SB/21 (09-04)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

O I P E  
JAN 25 2007  
IAP96  
PATENT & TRADEMARK OFFICE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/757,222
Filing Date	January 14, 2004
First Named Inventor	Kaewell et al.
Art Unit	2618
Examiner Name	Not Yet Known
Attorney Docket Number	I-1-0064.5US

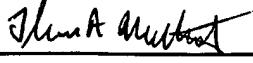
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Form PTO-1449, One Reference Cited.</b>
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Thomas A. Mattioli		
Date	January 22, 2007	Reg. No.	56,773

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Thomas A. Mattioli	Date	January 22, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Kaewell et al.

**Application No.:** 10/757,222

**Our File:** I-1-0064.5US

**Confirmation No.:** 3792

**Date:** January 22, 2007

**Filed:** January 14, 2004

For: SUBSCRIBER TERMINAL  
TEMPERATURE REGULATION

Group: 2618

Examiner: Not Yet Known

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56,  
Applicants wish to bring to the Examiner's attention the material cited on the enclosed  
PTO-1449 form. Newly cited documents are indicated by an asterisk (\*). Copies of the  
cited documents are enclosed.

**Applicant: Kaewell et al.**  
**Application No.: 10/757,222**

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

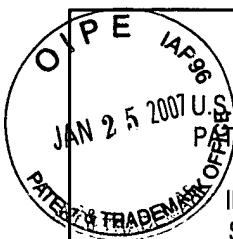
Respectfully submitted,

Kaewell et al.

By Thomas A. Mattioli  
Thomas A. Mattioli  
Registration No. 56,773  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

TAM/akg  
Enclosures ( 2 )

 <small>(Use several sheets if necessary)</small>	ATTY. DOCKET NO. I-1-0064.5US		SERIAL NO. 10/757,222
	APPLICANT Kaewell et al.		
	FILING DATE January 14, 2004	GROUP 2618	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,916,110	10/1975	Lee et al.			
		3,978,292	08/1976	Hill et al.			
		4,130,731	12/1978	Bolgiano et al.			
		4,239,941	12/1980	Gauthier et al.			
		4,272,650	06/1981	Bolgiano et al.			
		4,273,964	06/1981	Szpindel			
		4,317,963	03/1982	Cheia, Jr.			
		4,365,116	12/1982	Pira et al.			
		4,436,960	3/1984	Harmon, Jr.			
		4,436,960	03/1984	Harmon, Jr.			
		4,477,697	10/1984	Judd et al.			
		4,477,697	10/1984	Judd et al.			
		4,477,697	10/1984	Judd et al.			
		4,509,199	04/1985	Ichihara			
		4,577,315	03/1986	Otsuka			
		4,584,576	04/1986	Forestier et al.			
		4,584,576	04/1986	Forestier et al.			
		4,631,361	12/1986	Miller			
		4,675,863	06/1987	Paneth et al.			
		4,713,809	12/1987	Mizota			
		4,731,814	03/1988	Becker et al.			
		4,777,633	10/1988	Fletcher et al.			
		4,794,649	12/1988	Fujiwara			
		4,841,565	06/1989	Siligoni et al.			
		4,866,766	12/1989	Mitzlaff			

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		ATTY. DOCKET NO. I-1-0064.5US	SERIAL NO. 10/757,222
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Kaewell et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE January 14, 2004	GROUP 2618
(Use several sheets if necessary)			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,870,698	09/1989	Katsuyama et al.			
		4,924,511	05/1990	Burns et al.			
		4,942,600	07/1990	Kaisha			
		4,962,527	10/1990	Burns et al.			
		4,964,121	10/1990	Moore			
		5,001,748	03/1991	Burns et al.			
		5,008,900	04/1991	Critchlow et al.			
		5,140,698	08/1992	Toko			
		5,150,361	09/1992	Wieczorek et al.			
		5,193,211	03/1993	Nobusawa			
		5,193,212	03/1993	Son			
		5,203,020	04/1993	Sato et al.			
		5,241,542	08/1993	Natarajan et al.			
		5,278,831	01/1994	Mabay et al.			
		5,280,644	01/1994	Vannatta et al.			
		5,287,555	02/1994	Wilson et al.			
		5,303,420	04/1994	Jang			
		5,323,456	06/1994	Oprea			
		5,371,734	12/1994	Fischer			
		5,392,287	02/1995	Tiedemann, Jr. et al.			
		5,594,737	01/1997	Pillekamp			
		5,594,737	01/1997	Pillekamp			
		5,666,355	09/1997	Huah et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. I-1-0064.5US	SERIAL NO. 10/757,222
		APPLICANT Kaewell et al.	
		FILING DATE January 14, 2004	GROUP 2618

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		58087923A	05/1983	JP				
		02280636A	11/1990	JP				
		6272238	1987	JP				
		4315320	1992	JP				
		4278757	1992	JP				
		5316059	1993	JP				
		697993	1994	JP				
		7202789	1995	JP				
		7321694	1995	JP				
		819041	1996	JP				
		0358166	03/1990	EP				
		0452877	10/1991	EP				
		0494459	07/1992	EP				
		0358166	03/1990	EP				
*		1079530	07/1995	EP				
		94/10812	05/1994	WO				
		93/06682	04/1993	WO				
		94/10812	05/1994	WO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Ultraphone PROD 3 Schematic Diagram, Drawing No. BE80002, Sheet 10 of 16, InterDigital Communications Corporation, May 20, 1992
		Multiple-Line-Subscriber Quad-Line-Module (QLM) Schematic, Nexus Applied Research, Inc., 11/5/93

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. I-1-0064.5US	SERIAL NO. 10/757,222
		APPLICANT Kaewell et al.	
		FILING DATE January 14, 2004	GROUP 2618

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		D.M. Beaupre, "Five Years of IDMA Subscriber Radio", pp. 375-379, IEE International Conference on Communications ICC '83, June 19-22, 1983, Boston, MA
		D.M. Beaupre et al., "A New Point to Multipoint Microwave Radio System", pp. 47-51, 6th International Symposium on Subscriber Loops and Services (ISSLS 84), Nice, 1-5 Oct. 1984
		Richard E. Pavelka, "Ringing, Tone and Cadence Requirements for Nonswitched Loads in Digital Central Offices", Intelec '88,-Tenth International Telecommunications Energy, 30 October 1988 (1988-10-30), pages 326-333
		Datasheet of the AMD AM79535 Subscriber Line Interface, issued by AMD July 1998 XP002200906

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.